

Security White Paper for Streamline NX Report Generator Version 1.2.0.0

Solution Value proposition Section
Global Technology Support Department
Service and Support Center
Global Marketing Group

Document version
SLNXRGV1.2.0-1.0

Notice:

This document may not be reproduced or distributed in whole or in part, for any purpose or in any fashion without the prior written consent of Ricoh Company Limited. Ricoh Company Limited retains the sole discretion to grant or deny consent to any person or party.

Copyright © 2011 by Ricoh Company Ltd.

All product names or product illustrations, including desktop images, used in this document are trademarks, registered trademarks or the property of their respective companies. They are used throughout this book in an informational or editorial fashion only. Ricoh Company, Ltd. does not grant or intend to grant hereby any right to such trademarks or property to any third parties. The use of any trade name or web site is not intended to convey endorsement or any other affiliation with Ricoh products.

Although best efforts were made to prepare this document, Ricoh Company Limited makes no representation or warranties of any kind with regards to the completeness or accuracy of the contents and accepts no liability of any kind including but not limited to performance, merchantability, fitness for any particular purpose, or any losses or damages of any kind caused or alleged to be caused directly or indirectly from this document.

Document version history:

Version	Date of Issue	Revision
1.0	August, 2011	• Initial Release
		•

<u>1. INTRODUCTION</u>	<u>4</u>
<u>2. SYSTEM</u>	<u>5</u>
2.1 SYSTEM OVERVIEW	5
2.2 SERVICES.....	6
<u>3. NETWORK PROTOCOLS.....</u>	<u>7</u>
3.1 PORTS AND PROTOCOLS.....	7
<u>4. DATA FLOW & STORAGE.....</u>	<u>9</u>
4.1 STORED DATA	9

1. Introduction

This document provides security information about Streamline NX's Report Generator (RG).

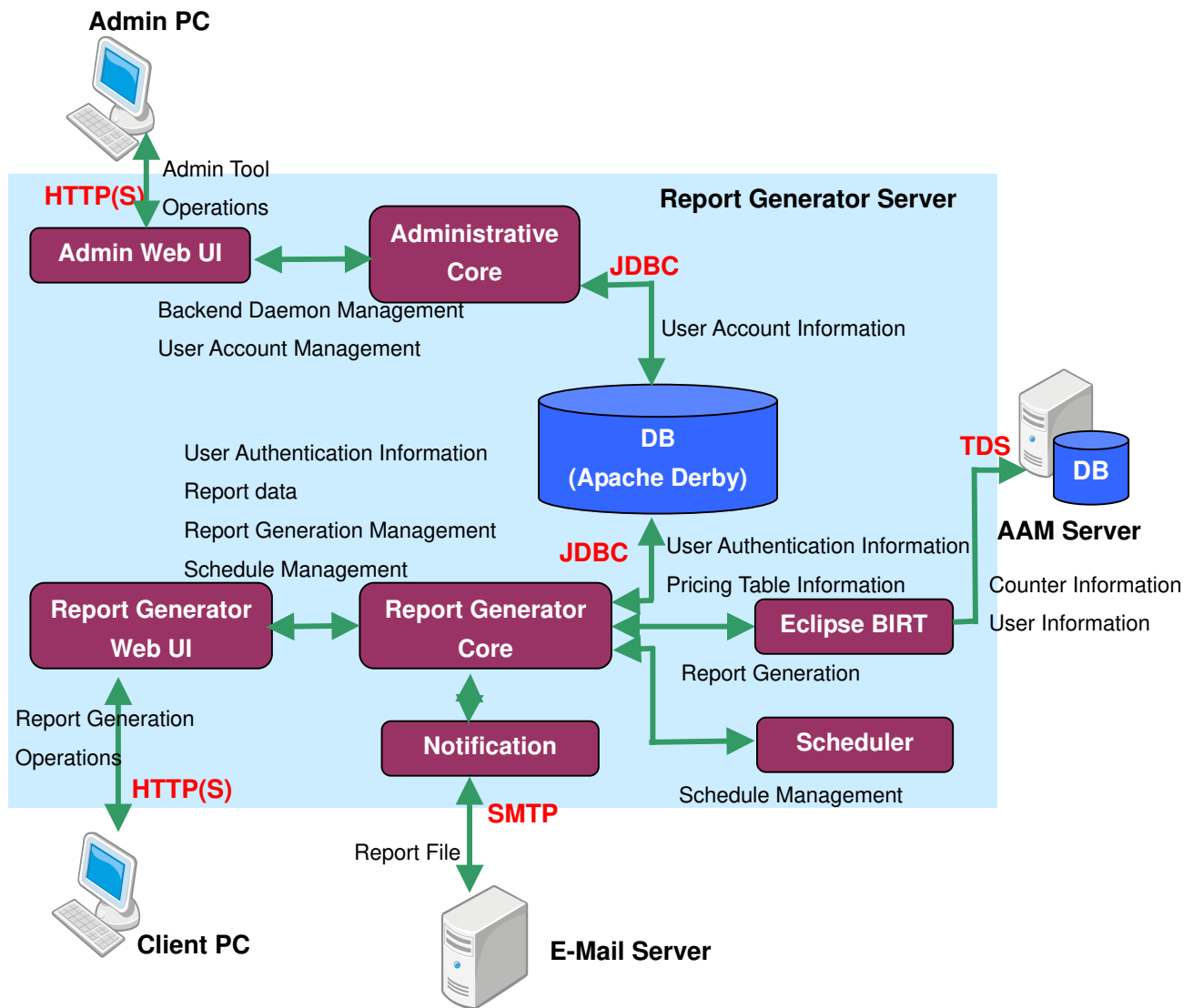
Report Generator is a web application that can be accessed from a browser in order to configure, generate and classify reports.

The main functions are as follows:

- Generate Immediate report
- Generate Scheduled report
- Generate Scheduled Once report
- Edit/Print/Export report
- Send via e-mail
- Pricing Table Management

2. System

2.1 System overview



Login information is sent in plain text, so please use HTTPS for security.

Report Generator Server uses TLS v1.0 when HTTPS is enabled.

2.2 Services

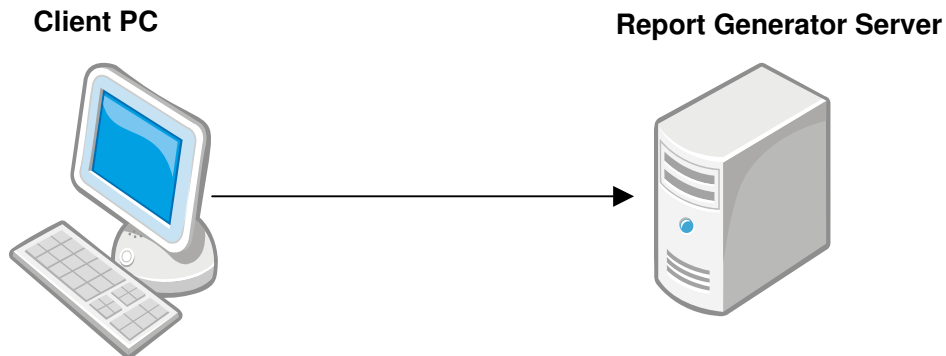
Services installed or used by Report Generator:

Service Name	Description
Streamline NX Report Generator	The main Report Generator service. This service is installed by Report Generator.

3. Network Protocols

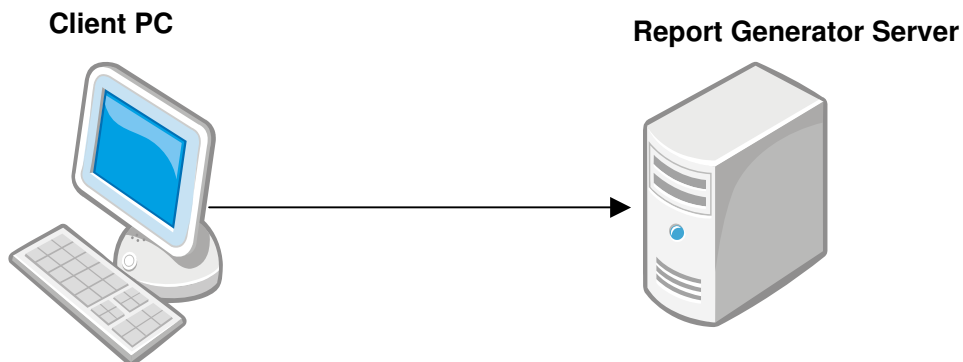
3.1 Ports and Protocols

- Administrator Tool



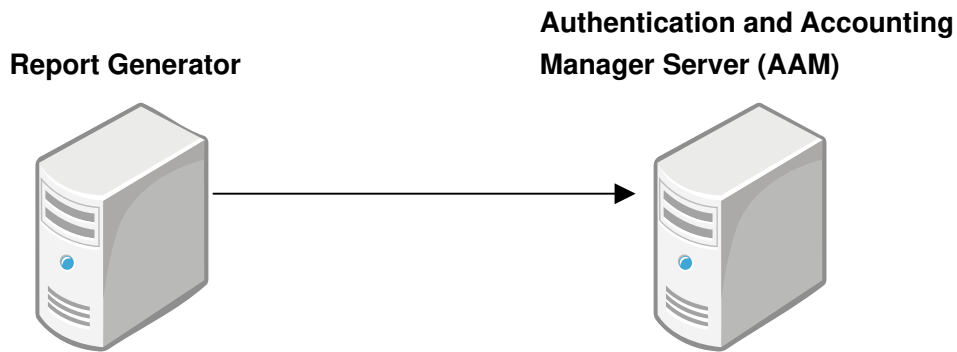
Features	Service	Protocol	Port No	Destination	Description
Administrator Tool TCP	HTTP	TCP	Set during install. Default is 8080.	Report Generator Server	Browser -> Jetty
	HTTPS	TCP	Set during install. Default is 8443.	Report Generator Server	Browser->Jetty

- Report Generator Tool



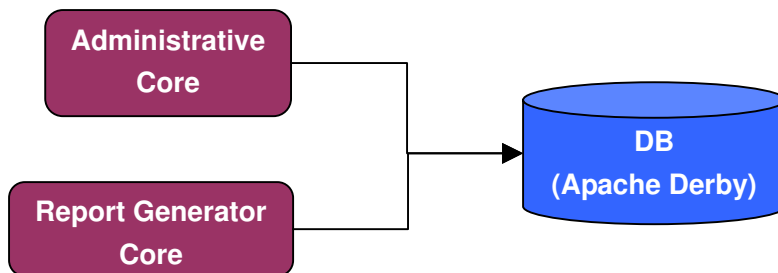
Features	Service	Protocol	Port No	Destination	Destination
Report Generator Tool	HTTP	TCP	Set during install. Default is 8080.	Report Generator Server	Browser -> Jetty
	HTTPS	TCP	Set during install. Default is 8443.	Report Generator Server	Browser->Jetty

- Report Generation



Features	Service	Protocol	Port No	Destination	Description
Report Generation	TDS	TCP	Set during install. Default is 1433.	AAM Server	Connection from Eclipse BIRT to AAM's MS SQL Server.

- Internal Database Connection



Features	Service	Protocol	Port No	Destination	Description
Internal Database Connection	JDBC	TCP	Set during install. Default is 1627.	Apache Derby Database (inside of Report Generator Server)	Connection from Report Generator modules to the Apache Derby DB.

4. Data Flow & Storage

4.1 Stored Data

Data type	Security
Accounting Data	All accounting data is stored in AAM's MS SQL Server.
Reporting Data	<p>All reporting data is stored in Report Generator's Apache Derby DB and the local file system.</p> <p>Local Path: <Install folder>\jetty\webapps\Ricoh_Report_Dir</p>
Authentication Information	All data is stored in Report Generator's Apache Derby DB.
Log Data	<p>All log data is stored in the local file system.</p> <p>Report Generator has 5 different log levels: Info, debug, error, warn, fatal</p> <p>[info log] Local Path: <Install folder>\jetty\ricohlog\info</p> <p>[debug log] Local Path: <Install folder>\jetty\ricohlog\debug</p> <p>[error log] Local Path: <Install folder>\jetty\ricohlog\error</p> <p>[warn log] Local Path: <Install folder>\jetty\ricohlog\warn</p> <p>[fatal log] Local Path: <Install folder>\jetty\ricohlog\fatal</p>